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REMARKS

Applicants have carefully reviewed the Office Action dated April 23, 2004. Claims 15-34 have been canceled. Claims 1-34 have been canceled. Claims 35 through 46 have been added. Claims 35-46 are pending in this application. Reconsideration and favorable action is respectfully requested.

The action states that the previous amendment filed by Applicants fails to comply with the requirements of 37 CFR 1.121. This has been corrected.

Newly presented independent claims 35 and 41 recite an opcode composed of all possible results of a logical function operating on an input combination. Neither Hastings, Ohta, Bradley nor Stratton, III disclose an opcode composed of all possible results of a logical function operating on an input combination. As such, the independent claims are neither anticipated nor rendered obvious by the cited references. Applicant respectfully requests that the rejections under 35 U.S.C. 102 and 35 U.S.C. 103 be withdrawn.

Applicants have now made an earnest attempt in order to place this case in condition for allowance. For the reasons stated above, Applicants respectfully request full allowance of the claims as amended. Please charge any additional fees or deficiencies in fees or credit any overpayment to Deposit Account No. 20-0780/NEXQ-24,727 of HOWISON & ARNOTT, L.L.P.

Respectfully submitted,
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AMENDMENT AND RESPONSE
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